

Date: Tue, 26 Jan 93 18:16:31 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #116
To: Info-Hams

Info-Hams Digest Tue, 26 Jan 93 Volume 93 : Issue 116

Today's Topics:

 AEA PKT-1 tnc ???
 barc-list available
 DSP and The Future
 Ham Radio Causes Cancer
 Ham Radio Causes Cancer!
Help! Voyager transmits at 146.52 MHz!
 Internet to Packet gate
 MFJ HF Vertical Question
 PL tone on KENWOOD 7730
 Radio Tracking of Animals (Dogs!)
 Real Hams... ALL!
Rec.radio.info now available by mail
 Seeking Transistor type DX541CF
 Through-the-glass antennas (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 26 Jan 93 17:20:10 GMT
From: pa.dec.com!engage.pko.dec.com!nntpd.lkg.dec.com!sousa.tay.dec.com!
bobseg.enet.dec.com!segrest@decwrl.dec.com
Subject: AEA PKT-1 tnc ???
To: info-hams@ucsd.edu

Greetings,

A fellow ham just dug an AEA PKT-1 tnc out of his used equipment box and asked

if it will get him up and on the air with our local bbs. Can anyone tell me about this tnc? I would like to know if it will do KISS mode operations and or if it is TAPR TNC-2 compatible.

Anyone familiar with this beast?

--

Bob Segrest
segrest@bobseg.enet.dec.com

--

Bob Segrest
segrest@bobseg.enet.dec.com

Date: Tue, 26 Jan 1993 14:30:17 GMT
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!eff!world!
k9hi@network.UCSD.EDU
Subject: barc-list available
To: info-hams@ucsd.edu

Hi,

This message is to let people know about a mailing list we maintain for folks who wish to follow the ham radio scene in the Boston, Massachusetts area. The Boston Amateur Radio Club's 'barc-list' is an unmoderated list with daily postings of news and info about the Club and activities in the greater Boston area.

It's a good way to keep in touch if you're only marginally active in Club activities, or if you've moved away from the Boston area. For more information, or requests to subscribe send to:

barc-list-request@world.std.com

73,

Phil Temples, K9HI
President,
Boston Amateur Radio Club

Date: 26 Jan 93 11:47:12 GMT
From: sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!newsserver.jvnc.net!

yale.edu!ira.uka.de!math.fu-berlin.de!news.netmbx.de!Germany.EU.net!mcsun!sun4nl!
cwi.nl@saimiri.primate.wisc.edu
Subject: DSP and The Future
To: info-hams@ucsd.edu

One of the first HF radios with a DSP backend was the Rockwell-Collins HF-2050 (1985). For reasons unknown to me (but which I would be interested to learn) it has not become a commercial success. The Watkins-Johnson WJ-8711 HF radio uses DSP at a 25kHz final IF to filter and demodulate signals.

Chapter 7 of the book by Sabin and Schoenike (eds) "Single-Sideband Systems and Circuits" (McGraw-Hill, 1987) is devoted to HF SSB receivers with DSP. A recent paper on the subject is "Communications receiver design using digital processing" by Kesh Bakhru. It was published in Digital Signal Processing, Vol. 2 (1992) 2-13.

Jan Heering

Date: Tue, 26 Jan 1993 07:42:57 GMT
From: csus.edu!nic.csu.net!eis.CalState.EDU!ribarbe@decwrl.dec.com
Subject: Ham Radio Causes Cancer
To: info-hams@ucsd.edu

re: Interesting trend in RF awareness

Goes along with the guy on the news sueing because his wife of something died from Microwave induced cancer from a cellular telephone.
---KD6KXR@KG6XX.#NOCAL.CA.USA.NA

---Rick Barber, <ribarbe@eis.calstate.edu>

Date: 26 Jan 93 18:52:44 GMT
From: ogicse!mintaka.lcs.mit.edu!olivea!inews.Intel.COM!sousa.intel.com!
jreece@network.UCSD.EDU
Subject: Ham Radio Causes Cancer!
To: info-hams@ucsd.edu

In article <14570596@hpnmdla.sr.hp.com>, alanb@hpnmdla.sr.hp.com (Alan Bloom) writes:

> I'm all in favor of continued research into the health effects, if any,
> of E/M fields, but I feel that the sensationalistic media stories on the

> subject are way out of proportion to the probable dangers. It's likely
> that there is no significant effect.

So what else is new? Health and safety scares seem to be
society's replacement for 50's Red scares.

> And even if there does turn out to
> be some effect, it's clear that it must be pretty small. (Even those
> studies that do show an effect place it far below the dangers of, say,
> cigarette smoking.)

Just like the recent stories about cellular phones causing brain cancer
ignored the far more likely danger of users walking or driving into an
accident while using them....

--

John Reece "This lifeboat is full"
Not an Intel spokesman

Date: Tue, 26 Jan 1993 16:33:32 GMT
From: agate!linus!linus.mitre.org!mwvm.mitre.org!m14494@ames.arpa
Subject: Help! Voyager transmits at 146.52 MHz!
To: info-hams@ucsd.edu

Rich Wilson writes:

> There must be a 990 KHz crystal somewhere in my new '92 Voyager,
> because I see carriers spaced every 990 KHz over the 2M band.

This is a common problem, not just with your Voyager, but with
all sorts of cars. My Chrysler New Yorker has very strong spurs
all up and down the band, and of course one falls right on my
favorite repeater frequency. I guess it's some hash from the computer
that runs the fuel injection or something. I just sort of live with it.
Someone on the net is compiling a list of cars with this problem so
hams can buy cars whose spurious emissions are compatible with
their operating practices.

Mike, N4PDY

* These are my opinions only.*

Date: Tue, 26 Jan 93 07:18:18 MST

From: usc!howland.reston.ans.net!paladin.american.edu!gatech!asuvax!ennews!stat!
david@network.UCSD.EDU
Subject: Internet to Packet gate
To: info-hams@ucsd.edu

WRIGHT@morekypr.BITNET writes:

> My question about the gate is this:
>
> Will it also work for someone with a BITNET Account?

Mine does. Doesn't make a difference.

david

Internet: david@stat.com FAX: +1 (602) 451-1165
Bitnet: ATW1H@ASUACAD FidoNet=> 1:114/15
Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na

Date: 26 Jan 93 22:15:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: MFJ HF Vertical Question
To: info-hams@ucsd.edu

If you're interested in the MFJ vertical or other MFJ equipment I recommend talking to Randy and Judy Taylor of Taylor Electronics of Louisiana (1-800-285-8838). They only sell MFJ equipment and their service to me has always been OUTSTANDING! When I last talked to them in Nov, they had several orders for the vertical pending, with anticipated shipment this month.

Stan, KC4ZGF

Standard Disclaimer:
"All opinions are my own, not those of my employer."

```
| Stanley D. Boyd |
| Project Manager-CALS Applications |
| Systems Integration |
| Intergraph Corporation |
| Mail Stop GD3005 |
| Huntsville, AL 35894-0001 |
| Phone: (205)730-3135 |
| FAX: (205)730-3301 |
| INTERNET: boyd@afsp.b30.ingr.com |
|-----|
```

Date: 26 Jan 93 15:41:21 GMT
From: usc!elroy.jpl.nasa.gov!swrinde!gatech!destroyer!lambda.msfc.nasa.gov!drvax3!bird@network.UCSD.EDU
Subject: PL tone on KENWOOD 7730
To: info-hams@ucsd.edu

A friend has a Kenwood 7730 radio and is wanting to know how to set the PL tone. Any help will be appreciated.

Thanks

Joe Bird

WB4ARV

MSFC Huntsville, Al

bird!drvax3.msfc.nasa.gov

--

Joe Bird
MSFC
Huntsville, Al

Date: Tue, 26 Jan 1993 14:42:42 GMT
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!howland.reston.ans.net!usc!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ncrgw2!psinnpt!ptsys1!kng@network.UCSD.EDU
Subject: Radio Tracking of Animals (Dogs!)
To: info-hams@ucsd.edu

I am looking for a simple transmitter circuit that would allow me to track a dog within a LOS distance of approximately 1/2 mile. I also need information on how to construct an appropriate reciever. (If possible, cannibalization of an old AM/FM radio would be nice.) I don't currently have a 'scope at home so any hints at getting the beast to start oscillating at somewhere near the right frequency would also be appreciated. (I always end up making oscillators amplify and amplifiers oscillate!)

Thanks in advance.

Ken

--

--
Ken Gravenstede, Performance Technologies Incorporated kng@pt.com
315 Science Parkway, Rochester, New York 14620 uupsi!ptsys1!kng

Date: Tue, 26 Jan 1993 14:38:53 GMT
From: zaphod.mps.ohio-state.edu!darwin.sura.net!paladin.american.edu!
howland.reston.ans.net!usc!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!
m2.dseg.ti.com!ernest!cmptrc@saimiri.primate.wisc.edu
Subject: Real Hams... ALL!
To: info-hams@ucsd.edu

I have been watching the no-code tech bs for several months now. Back in 84 I got my novice ticket while still in high school. I had let it lapse and lost the ticket. Due to a friend here at my office, I went ahead and filed a form 610 to get a new copy of it. I have also just recently went to a meeting of a local ham club. The no-code liscense is really good for the hobby! It's generating new interest in amateur radio in alot of kids that would have never taken the time initially to learn morse code! I don't know if its the same nationally, but in our area, it is more likely than not for a no-code tech to go ahead and upgrade to general after learning morse for the HF privlidges(sp). a no-code tech is still an amateur radio operator! And most of them get tired of just local 2 meter work and upgrade. That is, those of them who can get through the snobbery of morseified hams.

By continually harping on no-coders we will run them away. Some may say that this is a good thing, that they aren't really hams anyway. Does the fact that I started out a novice make me not really a ham? I had to pass less theory then a no-coder has to now. The only difference between the tech liscense and me is a 5 wpm code test, and the tech part of the test.

Let's lighten up on them. This is after all, only a hobby! One ment to be fun, to be enjoyed.

Chat with ya later!
Mitcheal
KA5SOI
(novice soon to upgrade to tech and beyond!)

Date: 26 Jan 93 19:12:24 GMT
From: news-mail-gateway@ucsd.edu
Subject: Rec.radio.info now available by mail
To: info-hams@ucsd.edu

If you would like to subscribe to a mailing list to receive the periodic information bulletins posted to the new newsgroup REC.RADIO.INFO, send a mail with a line

sub radio-info

to listserv@ucsd.edu

Please note that if you are on bitnet, one of the dozens of broken milnet hosts or a non-Unix host, or otherwise don't have a valid return address in your From: header line, you'd be better off specifying your address explicitly in the subscription request:

sub mymailbox@myhost.mydomain.mil radio-info

or

sub MEMEME01@DMBHST.bitnet radio-info

or something like that.

Please note that this is NOT a daily digest; the messages are too big to make it worthwhile. The moderated postings to the newsgroup will simply be mailed to you at a low priority throughout the day as they arrive at UCSD.

I do not plan to archive the postings to this group; we don't have the disk space for it.

Share and enjoy.

- Brian

Date: Tue, 26 Jan 1993 07:06:39 GMT
From: munnari.oz.au!uniwa!cujo!cc.curtin.edu.au!nmercerm@uunet.uu.net
Subject: Seeking Transistor type DX541CF
To: info-hams@ucsd.edu

Good Morning/Afternoon/Evening!

On behalf of a friend (Noel,VK6NG) I'm interrogating the network for any info on transistor type DX541CF that is used in a linear amplifier that Noel is fixing. Unfortunately, the amp's origins are obscure; it appears to have been a kit possibly from USA and has gone through some heavy handed manipulation before reaching his bench.

I can't find any reference to such a beast in our library. Any kind hearted gurus out there?

Roy Mercer, School of Electrical and Computer Engineering
Curtin University, BENTLEY, Western Australia 6102
Internet : Mercer_RW@cc.curtin.edu.au
Packet : VK6XYZ@VK6BBS.#PER.#WA.AUS.OC

Date: Mon, 25 Jan 1993 17:58:26 -0500
From: agate!spool.mu.edu!sol.ctr.columbia.edu!eff!news.oc.com!utacfd.uta.edu!
rwsys!ricksys!lawton!red.uucp!terry@ames.arpa
Subject: Through-the-glass antennas
To: info-hams@ucsd.edu

In <1993Jan22.104941.26862@usl.edu>, Boudreaux Jean A writes:
>Speaking of Larsen antennas, I was the proud owner of a larsen KG 2/70
>on glass dual bander. After carefully cleaning my outside glass, and
>mounting the whip. I was impressed with it's performance, repeater's I
>couldn't hit with 5 watts out of my ht's rubber duck, were fully quieted
>with only 220 milliwatts. I gave the antenna all day to sit/set before
>driving off. Well my love affair was very short lived. After
>driving about 1 minute at just under 60 mph., the whip promptly flew
>off of the car and with a clang apparently bounced into a large
>ditch, covered with 2 foot weeds and night. Now this antenna was bought
>from a friend who never used it, after he called the supplier they
>wouldn't refund cause it had been too long since purchase.
>Larsen would not help, they say no one else has had this problem.
>But as post 30627 shows, they are LYING. I recommend avoiding this antenna
>and all other Larsen on glass products, because if it fails they will
>probably stick you as well.
>
>Ah, I feel much better after getting that off my chest, if they won't
>refund my \$\$, at least maybe I can cost them a little
>8)
>
>
>73's DE kb5udf

Sorry to see you have so much trouble with the Larson antenna mounted on the glass. I wouldn't blame the antenna. I suggest the real problem was the adhesive. I've had my Larson on for four years with no problem. The garage door bent the stinger but the mount never budged.

A friend of mine in Panama HP1XRQ had his on a Toyota land cruiser. Never lost the antenna driving through jungles bird watching. It may be that you are not the first, that there may be others, but many of us here in ham land can testify to the fact that the mount is near bullet proof in most cases.
Regards, Terry.

--

DOMAIN: terry%red@lawton.lonestar.org (Terrence R. Redding)
UUCP: . . . !rwsys!lawton!red!terry (Terrence R. Redding)
PACKET: WB5LMJ @ WB5MJS.OK.USA.NA
Voice 405 536-8822, Ben's Place (Benjamin Franklin) BBS 536-6988 9p to 6a
PhD candidate, University of Oklahoma in Adult and Higher Education
Educational Advisor, American Radio Relay League

221 SW Crystal Hills Drive, Lawton, Oklahoma 73505

Date: Tue, 26 Jan 1993 17:17:50 GMT
From: haven.umd.edu!darwin.sura.net!gatech!kd4nc!ke4zv!gary@ames.arpa
Subject: Through-the-glass antennas
To: info-hams@ucsd.edu

In article <1k23kaINN39h@bashful.isi.com> jerry@isi.com (Jerry Gardner) writes:

>
>
>Does anyone know what affect, if any, rear window defroster wires have on
>through-the-glass antennas?

Yeah, they make the antenna work *even better* after the whip falls off
than ordinary glass.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 26 Jan 93 18:22:28 GMT
From: ogicse!uwm.edu!linac!att!cbnewsm!jeffj@network.UCSD.EDU
To: info-hams@ucsd.edu

References <C19HF9.9v5@panix.com>, <14570600@hpnmdla.sr.hp.com>,
<C1Gu0u.KLH@cmptrc.lonestar.org>
Subject : WARC kits for TS180?

The other night someone asked me on our tech net where he could get
a WARC kit for his Kenwood TS180. Does anyone know? Thanks and 73!

Jeff

--
Jeff Jones AB6MB | Hooker : I'll do anything for \$50!
jeffj@seeker.mystic.com | Henny Youngman: Will you paint my house?
Infolinc BBS 415-778-5929 |

Date: Tue, 26 Jan 1993 14:14:32 GMT

From: overload.lbl.gov!agate!spool.mu.edu!howland.reston.ans.net!zaphod.mps.ohio-state.edu!swrinde!gatech!destroyer!cs.ubc.ca!utcsri!newsflash.concordia.ca!nsth.n.s.ca!news.ucs.@dog.ee.lbl.gov
To: info-hams@ucsd.edu

References <ZZjls*Ru0@lemsys.UUCP>, <C1E2nu.GA3@anomaly.sbs.com>, <N1-ls*8y0@lemsys.UUCP>ohio-sta
Subject : Re: Real NoCodes_

In article <N1-ls*8y0@lemsys.UUCP>, clemon@lemsys.UUCP (Craig Lemon VE3XCL) writes:

> behind it because I decided that I wasn't going to lower myself to your
> boot-licking toady level and pick on other hams, regardless of their
>
Maybe you've "picked on" many "other hams" by your following remarks.
>
> "bad" habits. Since we are moving into the digital age, there is no _need_
> for code anywhere, although it can be used. As I'm sure you know, since

For low band DXing, CW shines where packet et al. wouldn't have a chance.

> you're such a big fan of it, it is still used by people who _enjoy_ working
> CW for it's challenge.

It's no more of a challenge than talking.

> Code is going to die sooner or later.
> Communications is evolving, period. Some people will keep it alive for
> entertainment, but that percentage will probably grow smaller and smaller
> as time goes on.

The CW sub-bands are more acitive than ever.

> In Canada, the theory tests (Advanced level) supposedly
> got harder since the code was removed, to compensate. Even at that, I
> found them trivial at best.

Hmmm, maybe they should require canidates to draw a detailed schematic of a 6 stage superhet and be able to explain everything from its grid leak bypass to the pentagrid converter. It wasn't that long ago that this was required for the _non_ advanced DOC certificate.

> clemon@lemsys.UUCP clemon%lemsys@xenitec.on.ca | 1B Electrical Engineering
>

I can understand your being offended by anti-no-code sentiments, but making unfounded remarks about CW can only serve to discredit you. Most people who bother to learn it (ie 25-30 wpm) think it's great fun...

really!

Joe V01NA.

Date: 26 Jan 93 03:18:14 GMT
From: gossip.pyramid.com!pyramid!infmx!seashore!randall@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Jan22.143403.16112@crd.ge.com>,
<1993Jan22.180203.18690@adobe.com>, <1993Jan23.000550.23193@tvnews.tv.tek.com>
Subject : Re: Marge Simpson's sister is a ham!

Hams are made fun of on TV and movies quite a lot. We're seen as wierd techno-nerds. The Simpsons' episode is no exception. The general public has no idea why we would want to operate a radio transmitter, or deal with all those wires and knobs.

73 DE KK6MY techno-nerdy and proud of it!

--

=====

Randall Rhea	Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems	uunet!pyramid!infmx!randall

Date: Mon, 25 Jan 1993 18:20:33 EST
From: uunet.ca!xenitec!lemsys!clemon@uunet.uu.net
To: info-hams@ucsd.edu

References <kd1hz.1@anomaly.sbs.com>, <ZZjls*Ru0@lemsys.UUCP>,
<C1E2nu.GA3@anomaly.sbs.com>clemon
Subject : Re: Real NoCodes

In article <C1E2nu.GA3@anomaly.sbs.com>, Tony Pelliccio writes:

> clemon@lemsys.UUCP (Craig Lemon VE3XCL) writes:

[my initial response deleted]

I posted a public response to the original instigating article of this thread, but on consideration, I sent a cancel message right along behind it because I decided that I wasn't going to lower myself to your boot-licking toady level and pick on other hams, regardless of their

license class, just because they've done silly things. Obviously your news transport system isn't on-the-ball.

> Well, seems that the DOC up in Canada made the same mistakes the FCC here
> in the states did. So much for brains I guess.

>

> Tony

So why exactly are you picking on all no-codes? Why does copying code make you better? YES there are morons on the air, YES there are converted "CB'ers" that have to resist the urge not to say 10-4 anymore, and YES there is a learning curve where a new ham has to learn the terminology and local customs - no-code or not. I'm sorry but no-code != CB. At least the converted CBer's are making an attempt to drop their "bad" habits. Since we are moving into the digital age, there is no need for code anywhere, although it can be used. As I'm sure you know, since you're such a big fan of it, it is still used by people who enjoy working CW for it's challenge. Code is going to die sooner or later. Communications is evolving, period. Some people will keep it alive for entertainment, but that percentage will probably grow smaller and smaller as time goes on. In Canada, the theory tests (Advanced level) supposedly got harder since the code was removed, to compensate. Even at that, I found them trivial at best.

So why don't you tell me again why YOU are a better person than I? Why YOU are undoubtedly a better ham than I? Because you can copy code? Not necessarily. You said yourself you hang around on your private UHF repeater. I bet that code comes in handy there. I also noticed that you had absolutely no response to my post (that shouldn't even have made it there) defending yourself or your story. You could only manage to make a futile crack at the DOC. Pitiful.

--

Craig Lemon VE3XCL (Advanced) - Kitchener, Ontario. +1 519 741 0297
clemon@lemsys.UUCP clemon%lemsys@xenitec.on.ca | 1B Electrical Engineering
TCP/IP: ve3xcl@ve3xcl.ampr.org [44.135.84.51] | University of Waterloo
AX.25 Packet: ve3xcl@ve3euk.#SWON.ON.CAN.NA | Waterloo, Ontario, CANADA

End of Info-Hams Digest V93 #116
